

TRAFFICAUTH

TrafficAuth-Mobile for Transportation Safety

HIGHLIGHTS

→ **Interoperable**

Seamless interoperability between Direct V2X (PC5 broadcast C-V2X) and Network V2X across all carriers.

→ **Secure**

End-to-end security based on the established ISS Security Credential Management System (SCMS).

→ **Standards Compliant**

Standard SAE J2735 message set with the IEEE 1609.2 security architecture.

TrafficAuth-Mobile is the first Vehicle-to-Network-to-Everything (V2N2X) application that enables workers to securely send and receive messages across cellular networks from any mobile device to the transportation network. This improves the efficiency of roadway systems and operations to help keep American drivers and transport workers safe, connected, and secure.

Part of the ISS TrafficAuth family of products, this application creates a secure and authenticated communications channel between a worker or driver's cellphones and the cellular or transportation V2X networks. ISS has also created the TrafficAuth-SCMSclient API that offers the same functionality but can be used by service providers and other transportation vendors to embed the same functionality in their own app for V2N2X communications.

TrafficAuth-Mobile and its related toolkit features:

- A secure, integrated, and fully interoperable all-in-one V2N2X solution
- Complete end-to-end security credential management and authorization
- Full PCS V2X broadcast connectivity
- Ability to monitor and control highway operations, streamline transport services, and send work-zone safety or traffic messages directly to workers and drivers
- Compliance with all IEEE 1609.2.1 and SAE J2735 standards and Department of Transportation requirements for security credential management system (SCMS) funding



The Benefits of TrafficAuth-Mobile

PROVEN SECURITY

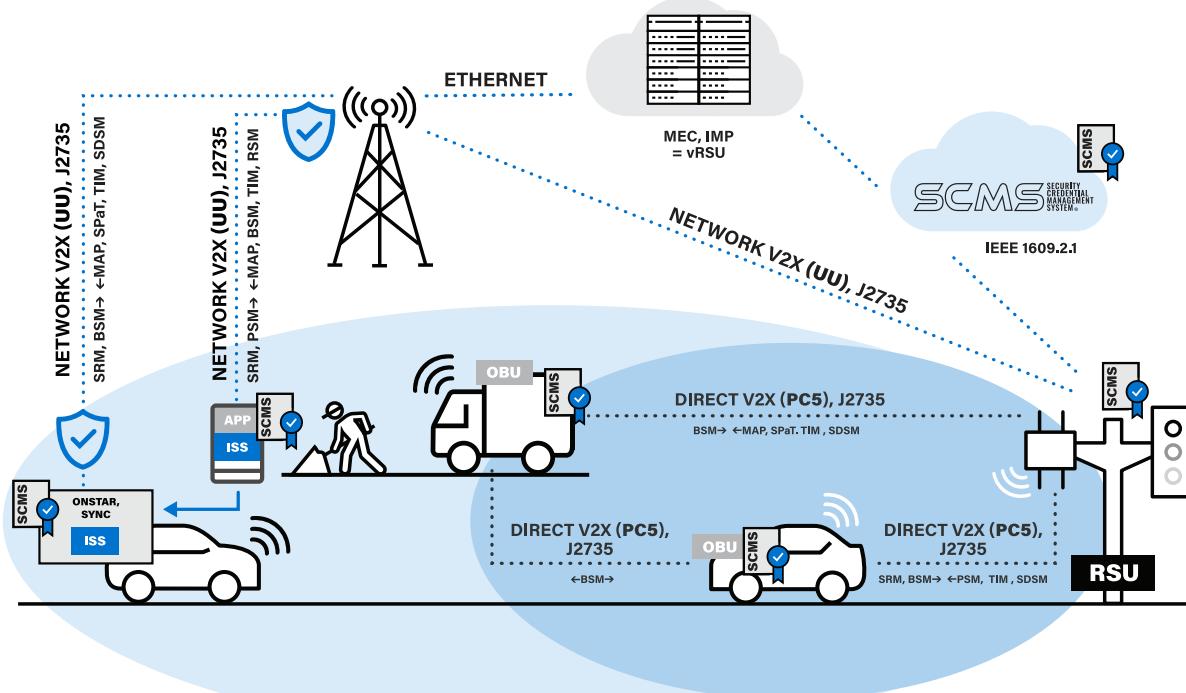
TrafficAuth-Mobile is built upon the ISS SCMS, the de facto standard in V2X and C2X secure communication credentials.

FASTER TIME-TO-MARKET

The TrafficAuth-SCMSclient libraries can be quickly added to your solution for faster, more secure hybrid V2X communications.

EXTENSIVE EXPERIENCE

ISS has extensive experience and deep expertise in supporting large-scale deployments of roadside infrastructure for state DOTs.



SUPPORTED STANDARDS

IEEE 1609.2

Security Services for Applications and Management Messages

ISA/IEC 62443

Industrial communication networks - Network and system security

IEEE 1609.2.1

Certificate Management Interfaces for End Entities

NIST SP 800-82

Guide to Operational Technology (OT) Security

CTI 4501

Connected Intersections (CI) Implementation Guide

DHS

Transportation Systems Sector Cybersecurity Framework Implementation Guidance

THE MOST EXPERIENCED PROVIDER OF EMBEDDED SECURITY PLATFORMS

INTEGRITY Security Services LLC (ISS) provides best-in-class embedded security products and infrastructure solutions for protecting smart connected devices from cyberattacks. With end-to-end solutions ranging from software toolkits to large-scale public key infrastructure and digital lifecycle management, ISS secures over 2 billion devices across automotive, aerospace and defense, financial, medical and other industries. Trusted by some of the largest Fortune 100 companies, ISS signs and manages more than 3 billion software images per year and continues to lead the industry in security innovations.